

Title (en)

CONSTANT RESOLUTION CONTINUOUS HYBRID ZOOM SYSTEM

Title (de)

KONTINUIERLICHES HYBRIDES ZOOMSYSTEM MIT KONSTANTER AUFLÖSUNG

Title (fr)

SYSTÈME DE ZOOM HYBRIDE CONTINU À RÉOLUTION CONSTANTE

Publication

**EP 3738096 A1 20201118 (EN)**

Application

**EP 19738942 A 20190109**

Priority

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- IB 2019050169 W 20190109

Abstract (en)

[origin: US2019213710A1] The present invention relate to an optical apparatus to capture images of a wide-angle scene with a single camera having a continuous panomorph zoom distortion profile. When combined with a processing unit, the hybrid zoom system creates an output image with constant resolution while allowing continuous adjustment in the magnification and field of view of the image without interpolation like a digital zoom system or without any moving parts like an optical zoom system.

IPC 8 full level

**G06T 5/00** (2006.01); **G02B 13/00** (2006.01); **H04N 5/335** (2011.01)

CPC (source: EP KR US)

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Designated contracting state (EPC)

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